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MP12000-022PR
Eudolph-Owen

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. 35800/213921 (5800-116)

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

26934, A NOVEL CYTIDINE DEAMINASE-LIKE MOLECULE AND USES THEREOF,

the specification of which

is attached hereto

OR

was filed on 3/9/2001 as United States Application No. 09/802,371.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

None			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

60/188,294	03/10/2000
Application Number	Filing Date (MM/DD/YYYY)
Application Number	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application (37 C.F.R. § 1.63(d)).

None		
Application No.	Filing Date	Status Patented/Pending/Abandoned
Application No.	Filing Date	Status Patented/Pending/Abandoned
Application No.	Filing Date	Status Patented/Pending/Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following practitioners:

Theodore Allen, Reg. No. 41,578
Jean M. Silveri, Reg. No. 39,030
Scott A. Brown, Reg. No. 32,724
Susan M. Perkins, Reg. No. 36,405
Jill E. Uhl, Reg. No. 43,213
George C. Jen, Reg. No. 39,239

and, I also appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

Customer Number 000826

Direct telephone calls to: W. Murray Spruill
Registration No. 32,943
Tel Raleigh Office (919) 420-2200
Fax Raleigh Office (919) 420-2260

Full name of first inventor: Rachel A. Meyers
Inventor's
Signature: _____ Date: _____
Residence: Newton, MA
Citizenship: United States of America
Mailing Address: 115 Devonshire Road
Newton, MA 02468

Full name of second inventor: Laura A. Rudolph-Owen
Inventor's
Signature: Laura Rudolph-Owen Date: 6/6/01
Residence: Jamaica Plain, MA
Citizenship: United States of America
Mailing Address: 186 Arborway, #1
Jamaica Plain, MA 02130

MP1 2000 - 022PR
Meyers, Rachel

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. 35800/213921 (5800-116)

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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Customer Number 000826

Direct telephone calls to: W. Murray Spruill
Registration No. 32,943
Tel Raleigh Office (919) 420-2200
Fax Raleigh Office (919) 420-2260

Full name of first inventor: Rachel A. Meyers

Inventor's Signature: Rachel Meyers Date: 6/6/01

Residence: Newton, MA

Citizenship: United States of America

Mailing Address: 115 Devonshire Road
Newton, MA 02468

Full name of second inventor: Laura A. Rudolph-Owen

Inventor's Signature: _____ Date: _____

Residence: Jamaica Plain, MA

Citizenship: United States of America

Mailing Address: 186 Arborway, #1
Jamaica Plain, MA 02130

RTA01/2096045v1



KJW
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101 SOUTH TRYON STREET, SUITE 4000
CHARLOTTE, NC 28280-4000



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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/25/2001

REEL/FRAME: 011927/0944
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS) ..

ASSIGNOR:

MEYERS, RACHEL A.

DOC DATE: 06/06/2001

ASSIGNOR:

RUDOLPH-OWEN, LAURA A.

DOC DATE: 06/06/2001

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.
75 SIDNEY STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09802371
PATENT NUMBER:

FILING DATE: 03/09/2001
ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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By *JK*
Date 0-10-01

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06-28-2001

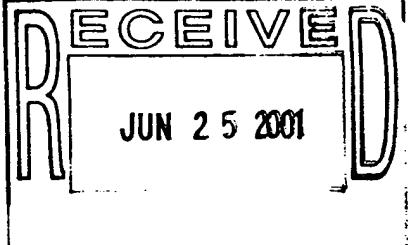
T Patents Only

To the Honorable Commissioner of Patents and
Please record the attached original documents or



101763996

No.: 35800/213921 (5800-116)

1. Name of conveying party(ies): Rachel A. Meyers Laura A. Rudolph-Owen <i>602501</i>		2. Name and address of receiving party(ies): Millennium Pharmaceuticals, Inc. 75 Sidney Street Cambridge, MA 02139
Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>  JUN 25 2001
4. Application No. 09/802,371 (filed March 9, 2001)		Patent No. _____
If this document is being filed together with a new application, the execution date of the application is: _____		
Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
5. Name and address of party to whom correspondence concerning document should be mailed: CUSTOMER NO. 000826 ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000		6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account		
8. Deposit account number: 16-0605		

06/27/2001 LMUELLER 00000138 09802371

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Kelly J. Williamson
Name of Person Signing: Kelly J. Williamson
Reg. No. 47,179

6/20/01

Date

Total number of pages including cover sheet, attachments, and document: 5

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

MILLENNIUM PHARMACEUTICALS, INC.
75 Sidney Street
Cambridge, MA 02139

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in
"26934, A NOVEL CYTIDINE DEAMINASE-LIKE MOLECULE AND USES THEREOF"

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on
- Application No. 09/802,371; filed March 9, 2001

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Date

Rachel A. Meyers

State of _____)

County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that Rachel A. Meyers personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2001.

(Official Seal)

Notary Public

My commission expires _____

✓ _____ 6/6/01
Date

✓ Laura Rudolph-Owen
Laura A. Rudolph-Owen

✓ State of Massachusetts)

✓ County of Middlesex)

✓ I, Simonne Corriveau, a Notary Public for said County and State, do hereby certify that Laura A. Rudolph-Owen personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

✓ Witness my hand and official seal, this the 6th day of June, 2001.

(Official Seal)

✓ Simonne Corriveau
Notary Public
Simonne Corriveau

✓ My commission expires 9/1/2006

Attorney Docket No. 35800-213921 (5800-116)

RTA01/2096033v1

MOI200-022PIR
Meyers, Rachel

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

MILLENNIUM PHARMACEUTICALS, INC.
75 Sidney Street
Cambridge, MA 02139

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in
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- Application No. 09/802,371; filed March 9, 2001

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

6/6/01
Date

Rachel Meyers
Rachel A. Meyers

State of MA
 County of Middlesex

I, Simonne Corriveau, a Notary Public for said County and State, do hereby certify that Rachel A. Meyers personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 6th day of June, 2001.

(Official Seal)

Simonne Corriveau
Notary Public
Simonne Corriveau

My commission expires 9/1/2006

Date

Laura A. Rudolph-Owen

State of _____

County of _____

I, _____, a Notary Public for said County and State, do hereby certify that Laura A. Rudolph-Owen personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2001.

(Official Seal)

Notary Public

My commission expires _____

Attorney Docket No. 35800-213921 (5800-116)

RTA01/2096033v1